Summary Report on the First Three Queries Using GPT for SQL Table Selection

Objective:
The experiment aimed to test GPT-3.5-Turbo's ability to select the relevant tables based on SQL queries, using predefined table definitions.

Tables:
- employees:Employee information (name, job title, ID).
- salary: Salary data for employees by year.
- studies:Educational details of employees (institution, study field, level).

Query 1:
Question:"What is the salary of the employee John Doe in 2021?"

- Result: GPT identified the salary table for salary details. The employees table might be needed if further identification of John Doe is required.

Query 2:
Question:What is the average salary of employees in 2020?"

-Result:The salary table was correctly selected for calculating the average salary.

Query 3:
Question:"Which employees studied computer science?"

- Result: The studies table was chosen to find employees who studied computer science. The employees table may also be useful if additional details are needed.

Key Takeaways:
- GPT correctly identified the relevant tables for each query.
- Some queries required referencing multiple tables